



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025-1855

October 7, 2004

Dr. Roger C. Westman
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 191003-2029
ATTN: James W. Hagedorn

Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Steve Hepler

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 04-0206
ACHD Reference Number: 5657
#14 Battery Igniter Flare
USS Clairton Works

Gentlemen:

The attached form revises our report of the outage. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

Anton Lukac
Plant Manager
Clairton Works

NOTICE OF BREAKDOWN OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 04-0206
ACHD Reference Number: 5657
2. Date & Time of Breakdown: Date: 10/05/04 Time: 0657 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: #14 Battery Igniter Flare
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: Coke oven gas flaring occurred on #14 Battery when suction pressure momentarily dropped when a by-pass valve momentarily stuck during the switching of axis compressors at the #1 Control Room. The #14 Battery Igniter Flare opened but failed to close properly because of a stuck damper cylinder. The #14 Battery Igniter Flare will be temporarily unavailable for service until the repairs are completed.

Date	Battery	Start	End	Duration		Flared	
		Time	Time	Min.	Sec.	Yes	No
10/05/04	14	06:57	07:15	18	00	Yes	
8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Released products of combustion of Coke Oven Gas.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). Eye, Nose and Throat Irritant.
 - C. Amount of each type emitted (or likely to be emitted).
Light to Moderate
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
Suction pressure was corrected and repairs were completed to the igniter flare damper cylinder.
10. Facility back in operation - Date: 10/07/04 Time: 0800 hours

Signature Coleen M. Davis Date 10/7/04
Coleen M. Davis
Senior Environmental Control Engineer Phone: 233-1015